



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Rogelj, et al.
SERIAL NO.: 09/424,181
FILED: November 10, 1999
FOR: Inhibition of Cell Surface Protein Disulfide Isomerase
GROUP ART UNIT: 1646
EXAMINER: David Lukton

Commissioner for Patents
Mail Stop Non-Fee Response
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

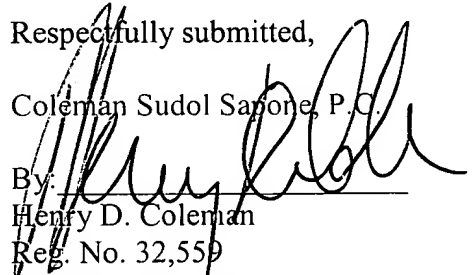
SIR:

Pursuant to the Duty to Disclose under 37 C.F.R. §1.56(a), applicant encloses herewith a copy of Form PTO-1449 listing documents relevant to the background of the invention described and claimed in the above-identified application. Inclusion of a reference herein does not necessarily imply that that reference is prior art. For the convenience of the Examiner, copies of the listed documents are enclosed.

Applicant respectfully requests that the Examiner consider the enclosed references in determining the patentability of the claimed invention. Applicant also requests that the Examiner return a copy of enclosed Form PTO-1449 with initials or other marks indicating that the references have been so considered. If any fee is due, please charge/credit deposit account no. 04-0838.

Respectfully submitted,

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**INFORMATION DISCLOSURE
CITATION IN AN APPLICATION**Att'y Ref:
N12-018Serial No:
09/424,181

Applicant: ROGELJ, et al.

Filing Date:
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Art Unit: 1646

United States Patent Documents

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date |
|---------------------|--------------------|------|------|-------|----------|-------------|
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Foreign Patent Documents

| Examiner Initial | Publication Number | Publication Date | Country | Class | Subclass | Translation | |
|---------------------|-----------------------|---------------------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| | | | | | | | |

| Examiner Initial | Other Documents (by Title, Author Date, Pertinent Pages, Etc.) |
|---------------------|--|
| | Barbouche et al., "Protein-disulfide Isomerase-mediated Reduction of Two Disulfide Bonds of HIV Envelope Glycoprotein 120 Occurs Post-CXCR4 Binding and Is Required for Fusion", J. Biol. Chem. 2003; 278 :3131-3136. |
| | Fenouillet et al., "Catalytic Activity of Protein Disulfide Isomerase Is Involved in |

Examiner:

Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered; Include a copy of this form with next communication to the applicant.



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|--|---|
| | Human Immunodeficiency Virus Envelope-Mediated Membrane Fusion after CD4 Cell Binding”, Journal of Infectious Diseases 2001; 183 :744-52. |
| | Gallina et al., “Inhibitors of Protein-Disulfide Isomerase Prevent Cleavage of Disulfide Bonds in Receptor-bound Glycoprotein 120 and Prevent HIV-1 Entry”, J. Biol. Chem. 2002; 277 :50579-50588. |
| | Goldsmith et al., “HIV entry: are all receptors created equal?”, Nature Immunology 2002; 3 :709-710. |
| | Matthias et al., “Disulfide exchange in domain 2 of CD4 is required for entry of HIV-1”, Nature Immunology 2002; 3 :727-732. Corrected (details online); doi:10.1038/ni815 (http://immunol.nature.com) |

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|---|------------------|
| Examiner: | Date Considered: |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered; Include a copy of this form with next communication to the applicant. | |